

Iowa Crops & Weather



USDA – National Agricultural Statistical Service

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Cool, Dry Weather Aids Fieldwork

Only trace amounts of rainfall was reported this past week, which enabled farmers to further corn harvest. Nearly twenty percent of the state’s corn crop was harvested last week. However, storage availability has been a concern in many areas as elevators were storing grain on the ground. Soybean harvest has progressed to near completion. Fall tillage and fertilization was in full swing. Soil moisture supplies remain a concern as many regions remain well below normal precipitation levels.

There were 6.5 **days suitable for fieldwork**. **Topsoil moisture** rated 26 percent very short, 32 percent short, 39 percent adequate and 3 percent surplus across Iowa. **Subsoil moisture** rated 31 percent very short, 31 percent short, 35 percent adequate and 3 percent surplus across Iowa.

Field Crops Report: **Corn harvested** reached 80 percent complete which was up 19 percentage points from a week ago and 6 percentage points ahead of normal. The percent **moisture of field corn** was 17 percent, equal to a week ago. **Harvest corn percent moisture** was at 15 percent, which is 1 percentage point lower than the previous week and 4 percentage points below last year. **Corn lodging** rated 61 percent none, 25 percent light, 11 percent moderate and 3 percent heavy. **Corn ear droppage** rated 67 percent none, 25 percent light, 7 percent moderate, and 1 percent heavy. **Soybeans harvested** reached 99 percent complete, identical to a year ago and 2 percentage points ahead of normal.

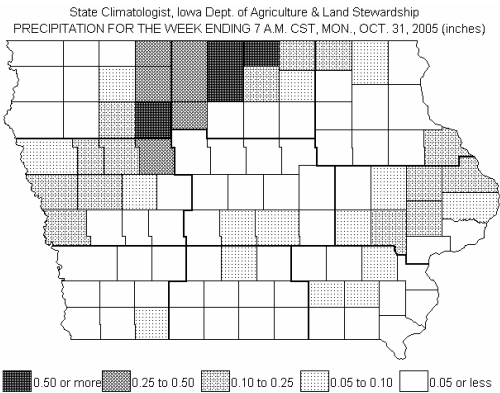
Fall fertilizer application was 23 percent complete statewide which is up 5 percentage points from the 5-year average. **Grain movement** from farm to elevator was rated 19 percent none, 23 percent light, 37 percent moderate and 21 percent heavy. **Off-farm grain storage** availability rated 70 percent short and 30 percent adequate. **On-farm grain storage** availability rated 61 percent short, 38 percent adequate and 1 percent surplus. **Hay and**

roughage availability rated 6 percent short, 80 percent adequate and 14 percent surplus. **Utilization of stubble fields for grazing** rated 40 percent none, 25 percent limited, 26 percent moderate and 9 percent extensive.

Livestock, Pasture, and Range Report: **Pasture and range condition** was rated at 20 percent very poor, 22 percent poor, 34 percent fair, 23 percent good, and 1 percent excellent. Cow/calf herds are grazing in stubble fields. Some reports of weaning calves were received.

Iowa Weather Summary

The past work week began on the cold side of normal. Daytime temperatures were in the 40’s on Monday (24th) and 50’s on Tuesday (25th). Highs were mostly in the 50’s on Wednesday (26th) and Thursday (27th) with a few low 60’s in the far west. Above normal temperatures returned to most of the state by Friday (28th) afternoon with highs mostly in the 60’s. Saturday (29th) was the warmest day of the reporting week with highs in the 70’s west and 60’s east while Sunday’s (30th) highs were about 10 degrees lower. Temperature extremes for the week ranged from a Tuesday (25th) morning low of 18 degrees at Little Sioux to Saturday (29th) afternoon highs of 73 degrees at Glenwood and Little Sioux. Temperatures for the week as a whole averaged 0.3 degrees below normal. Light rain fell over most of Iowa on Sunday (30th) with dry weather prevailing for the remainder of the week. No rain was recorded at several locations scattered across western, central and southern Iowa while Forest City reported the most rain with 0.84 inches. The statewide average precipitation was only 0.08 inches while normal for the week is 0.53 inches. Overall October averaged about two degrees warmer than normal while precipitation averaged 0.90 inches or 1.62 inches less than usual. Finally, soil temperatures were averaging mostly in the low 50’s across the state as of Sunday (30th).



Statewide Crop Conditions as of October 30, 2005					
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	20	22	34	23	1

Statewide Harvesting Conditions as of October 30, 2005				
Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	61	25	11	3
Corn ear droppage	67	25	7	1

State Post-Harvest Conditions as of October 30, 2005				
Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Grain movement	19	23	37	21
Grazing on stubble fields	40	25	26	9

Statewide Hay/Roughage Availability as of October 30, 2005			
Item	Short	Adequate	Surplus
	Percent	Percent	Percent
Hay/Roughage	6	80	14

Statewide Grain Storage Availability as of October 30, 2005			
Item	Short	Adequate	Surplus
	Percent	Percent	Percent
On-farm, grain storage	61	38	1
Off-farm, grain storage	70	30	0

Field Work and Crop Progress as of October 30, 2005													
Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Fertilizer application completed	30	36	31	22	24	14	9	10	17	23	15	19	18
Corn harvested (grain or seed)	85	82	73	82	83	78	74	62	83	80	61	60	74

Days Suitable & Soil Moisture Condition as of October 30, 2005													
Item	Districts									State	Last Week	Last Year	
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	
	6.3	6.3	6.3	6.7	6.5	6.3	6.8	6.7	6.6	6.5	5.9	3.8	
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
	1	1	8	39	11	54	46	42	38	26	22	7	
Very short	22	14	31	30	44	34	34	46	31	32	30	17	
Short	76	63	59	31	43	12	20	12	31	39	45	67	
Adequate	1	22	2	0	2	0	0	0	0	3	3	9	
Surplus	Subsoil moisture	1	1	26	39	10	66	43	56	53	31	28	8
Very short		25	10	27	28	43	32	41	41	27	31	29	21
Short	73	66	43	33	46	2	16	3	20	35	39	64	
Adequate	1	23	4	0	1	0	0	0	0	3	4	7	
Surplus													

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, October 30, 2005										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	70	22	44	1	0.06	-0.29	21.86	-0.75	14	7
Sioux Center	69	22	47	2	0.00	-0.35	20.65	-1.41	16	4
Spencer	70	21	44	0	0.00	-0.36	22.63	-0.87	14	5
Spirit Lake	68	27	46	4	0.00	-0.34	25.95	3.66	8	-12
North Central District										
Britt	68	27	43	-4	0.10	-0.27	31.97	7.45	8	-8
Humboldt	68	29	43	-4	0.15	-0.25	29.34	4.15	8	0
Mason City	69	23	44	-1	0.05	-0.38	34.83	8.71	11	1
Northwood	69	27	43	-2	0.15	-0.27	34.63	9.11	6	-5
North East District										
Decorah	67	24	45	-2	0.08	-0.34	25.28	-0.33	8	-5
Dubuque	66	26	44	-3	0.07	-0.49	16.83	-11.31	6	-6
Elkader	67	21	41	-6	0.14	-0.35	23.02	-2.46	6	-13
Independence	68	25	42	-3	0.06	-0.43	28.69	1.57	4	-14
Waterloo	70	24	44	-2	0.05	-0.44	24.43	-1.90	12	1
West Central District										
Audubon	69	20	41	-8	0.00	-0.49	21.64	-4.34	9	-7
Carroll	70	23	43	-3	0.08	-0.36	19.41	-7.15	10	-1
Castana	70	27	44	-4	0.00	-0.42	20.58	-3.50	9	-5
Guthrie Center	69	19	41	-7	0.10	-0.39	28.46	1.95	9	-3
Harlan	70	23	44	-4	0.00	-0.42	19.12	-7.25	10	-4
Jefferson	69	26	43	-4	0.06	-0.38	21.30	-5.26	7	-4
Logan	71	21	43	-5	0.12	-0.32	20.75	-4.17	10	-4
Rockwell City	70	27	43	-5	0.22	-0.20	25.20	-0.50	7	-7
Sioux City	71	22	46	-1	0.01	-0.34	21.07	0.34	17	3
Central District										
Ames	69	26	44	-2	0.07	-0.43	25.64	-1.88	9	-4
Boone	69	29	44	-3	0.06	-0.45	24.31	-2.75	8	-7
Des Moines	70	31	47	-3	0.06	-0.45	21.38	-4.16	16	-5
Eldora	70	30	44	-2	0.11	-0.42	23.93	-2.83	6	-9
Marshalltown	69	27	45	-2	0.03	-0.46	20.78	-6.28	12	-1
Newton	68	30	43	-5	0.08	-0.44	25.15	-1.19	3	-15
Perry	69	24	42	-5	0.09	-0.37	25.59	0.00	8	-7
Toledo	69	28	43	-3	0.02	-0.47	19.97	-7.25	5	-8
East Central District										
Cedar Rapids	68	27	44	-4	0.00	-0.42	19.36	-6.34	8	-8
Davenport	66	26	44	-5	0.09	-0.47	11.08	-14.28	7	-13
Iowa City	70	26	46	-5	0.02	-0.54	12.35	-15.88	10	-13
Lowden	68	22	41	-7	0.06	-0.50	16.40	-12.16	1	-15
Maquoketa	67	24	41	-6	0.02	-0.47	12.88	-13.30	0	-13
Muscatine	67	27	43	-7	0.08	-0.48	16.67	-10.03	2	-11
South West District										
Clarinda	68	23	42	-7	0.00	-0.52	27.04	-2.12	8	-8
Glenwood	73	24	45	-4	0.00	-0.45	21.35	-5.01	12	-9
Oakland	70	25	44	-3	0.06	-0.40	23.33	-2.81	9	-4
Red Oak	69	24	44	-6	0.05	-0.37	18.93	-9.54	9	-10
Sidney	70	29	46	-4	0.08	-0.44	21.39	-6.01	11	-11
South Central District										
Allerton	68	28	44	-5	0.04	-0.55	24.36	-3.84	5	-2
Beaconsfield	67	30	43	-6	0.00	-0.56	26.75	-0.35	4	-14
Chariton	66	20	42	-8	0.06	-0.50	21.17	-7.57	9	-10
Indianola	70	27	44	-5	0.03	-0.52	21.94	-4.70	8	-10
Leon	68	24	42	-7	0.01	-0.57	20.30	-7.74	5	-14
South East District										
Bloomfield	65	30	44	-8	0.02	-0.55	22.89	-5.57	2	-22
Burlington	65	32	46	-4	0.03	-0.53	17.02	-9.40	6	-16
Ottumwa	68	27	45	-5	0.00	-0.50	17.96	-8.26	9	-12

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit.
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